

# POWER SAVING DEVICE

## ABSTRACT OF THE DISCLOSURE

5 The present invention is a power saving device disposed in a mouse  
and comprises at least one sensor both contacts of which connect to a  
battery and a signal emitter respectively, and one window disposed on an  
upper surface of a mouse housing. The sensor is in the mouse housing  
disposed under the window and uses the battery as an operating power  
supply. When the user holds the mouse and blocks the window, the  
10 sensor receives a correct signal and connects the operating power supply  
of the signal emitter to make the mouse operate normally. When the  
user does not use the computer for a while and the mouse is in a  
suspending mode, the sensor receives an incorrect signal to disconnect  
the operating power supply so the signal emitter of the mouse does not  
15 need to perform scanning continuously any more. In the meantime, the  
battery with a very small amount of power supplies the sensor and, thus,  
the life of the battery is increased.